



# Mouse ICOS ligand(ICOSLG) ELISA kit

<b>Product Code</b>	CSB-EL010958MO
<b>Abbreviation</b>	ICOSLG
<b>Protein Biological Process 1</b>	Immunity
<b>Target Name</b>	inducible T-cell co-stimulator ligand
<b>Uniprot No.</b>	Q9JHJ8
<b>Alias</b>	B7-H2, B7H2, B7RP-1, B7RP1, CD275, GL50, ICOS-L, ICOSL, KIAA0653, LICOS, B7-like protein transmembrane protein B7-H2 ICOS ligand
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Protein Biological Process 3</b>	Adaptive immunity
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	62.5 pg/mL-4000 pg/mL
<b>Sensitivity</b>	15.6 pg/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Immunology
<b>Gene Names</b>	Icoslg
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich

**Description**

This Mouse ICOSLG ELISA Kit was designed for the quantitative measurement of Mouse ICOSLG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/mL.

**Product Precision**

Intra-assay Precision (Precision within an assay): CV%<8%  
 Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%  
 Three samples of known concentration were tested in twenty assays to assess.



## Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse ICOSLG in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	93
	Range %	88-97
1:2	Average %	100
	Range %	95-104
1:4	Average %	97
	Range %	92-110
1:8	Average %	89
	Range %	84-93

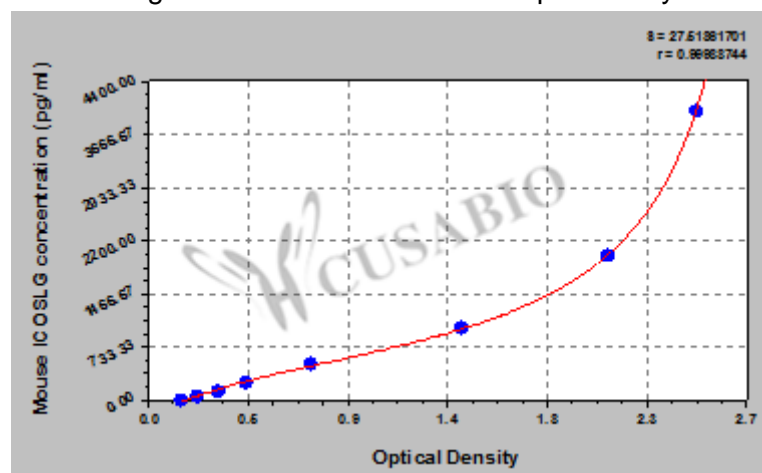
## Recovery

The recovery of mouse ICOSLG spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	90	85-94
EDTA plasma (n=4)	92	87-96

## Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
4000	2.417	2.552	2.485	2.322
2000	2.104	2.076	2.090	1.927
1000	1.450	1.404	1.427	1.264
500	0.765	0.723	0.744	0.581
250	0.439	0.471	0.455	0.292
125	0.321	0.342	0.332	0.169
62.5	0.243	0.229	0.236	0.073
0	0.169	0.157	0.163	

## Msds

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